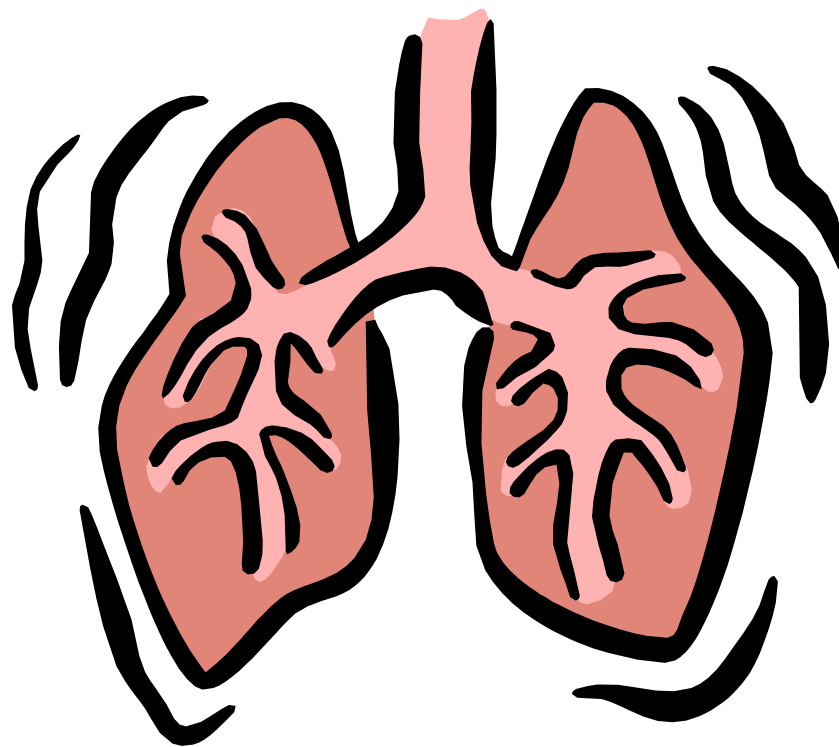


South Dakota Tuberculosis Control Program Annual Report

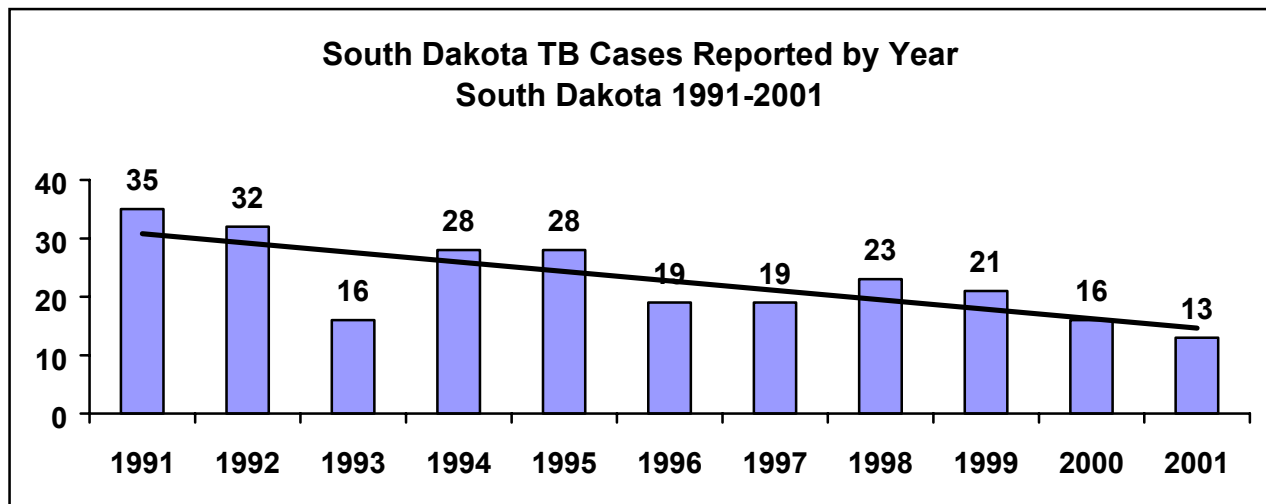


2001

2001 YEAR END SUMMARY

There were 13 cases of tuberculosis reported to the South Dakota Department of Health in 2001, **the lowest number of TB cases ever reported**. This represents a decrease of 3 cases from the same time period in 2000. Cases were distributed throughout the state with 10 counties reporting TB cases. Five (50%) of these counties had not reported TB cases for 3 or more years. During 2001, there was one drug-resistant TB case reported with INH & PZA resistance confirmed. No TB cases were reported in long-term care facilities and no HIV co-infected TB patients were reported. The year 2001 represents a shift in the epidemiology of TB in South Dakota in the following ways. First, Shannon County, which has historically been the highest morbidity county in the State, reported only 1 TB case which is the lowest number ever reported in the county. Second, there were more foreign-born TB cases reported than Native American cases. The year 2001 reported the highest percentage of foreign-born TB cases (38%) ever reported. Third, 7 (54%) of the TB cases occurred in 4 counties in the southeast part of the state with Minnehaha County reporting the largest number of cases.

STATISTICAL REVIEW OF 2001 TB CASES



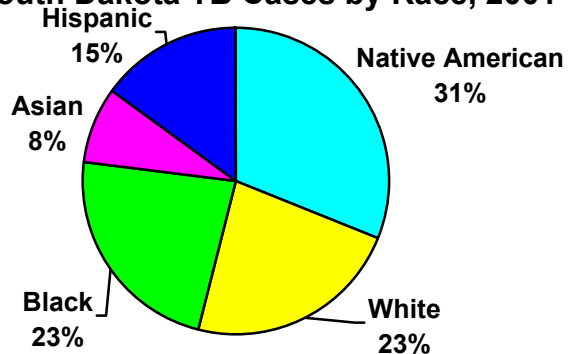
TB CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 2001

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	0	0	0	---
5-9	0	0	0	---
10-14	0	1	1	8%
15-19	1	0	1	8%
20-29	0	3	3	23%
30-39	0	2	2	15%
40-49	2	0	2	15%
50-59	0	0	0	---
60-69	1	1	2	15%
70-79	0	1	1	8%
80-89	1	0	1	8%
90+	0	0	0	---
TOTAL	5	8	13	100%

TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 2001

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	2	2	4	31%
White	2	1	3	23%
Black	1	2	3	23%
Hispanic	0	2	2	15%
Asian	0	1	1	8%
TOTAL	5	8	13	100%

South Dakota TB Cases by Race, 2001

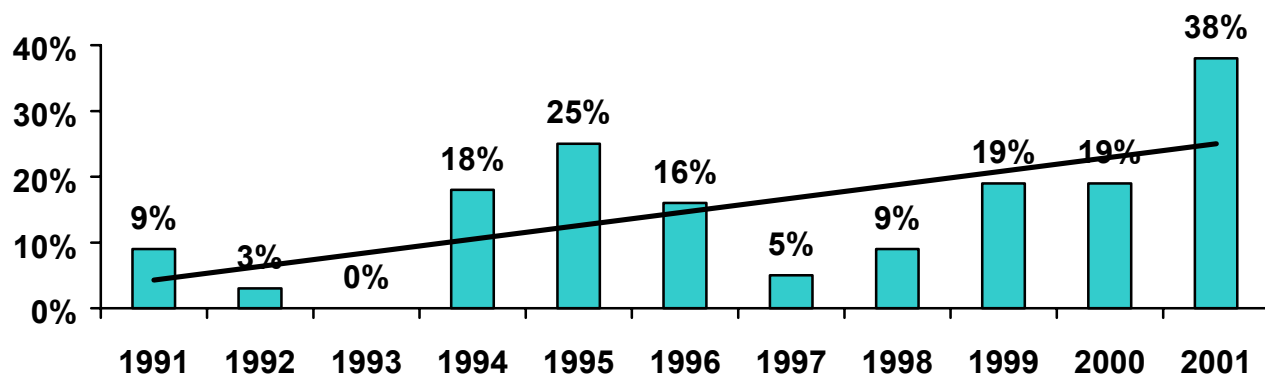


TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE & YEAR SOUTH DAKOTA 1996-2001

RACE	1996	1997	1998	1999	2000	2001
All Races	2.7	2.7	3.3	3.0	2.3	1.7
Native American	25.7	25.7	33.6	27.7	17.8	5.9
White	0.3	0.6	0.6	0.6	0.6	0.4
Black	Not available	Not available	Not available	Not available	Not available	48.4
Asian	Not available	Not available	Not available	Not available	Not available	17.4
All Other Races	50.5*	12.6*	25.3*	37.9*	37.9*	38.5

* Specific race data not available from the census for this year other than White & Native American.

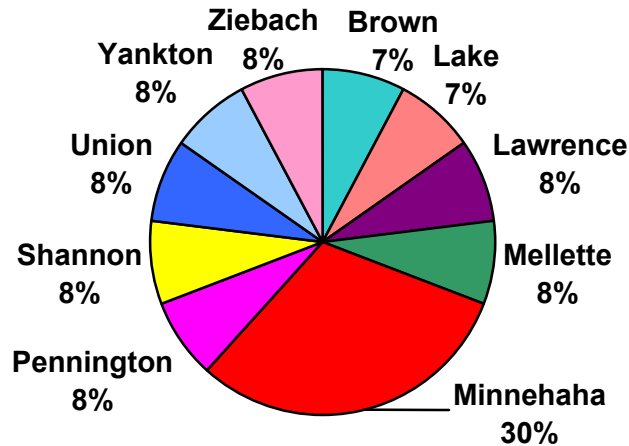
Percentage of Foreign-Born TB Cases South Dakota 1991-2001



**TB CASES REPORTED BY COUNTY OF RESIDENCE
SOUTH DAKOTA 2001**

County	# of TB cases	County	# of TB cases
Brown	1	Pennington	1
Lake	1	Shannon	1
Lawrence	1	Union	1
Mellette	1	Yankton	1
Minnehaha	4	Ziebach	1

TB Cases Reported by County of Residence - 2001



**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 2001**

Site of Disease	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	3	2	3	2	1	11
Non-pulmonary	1	1	0	0	0	2
Both	0	0	0	0	0	0
TOTAL	4	3	3	2	1	13

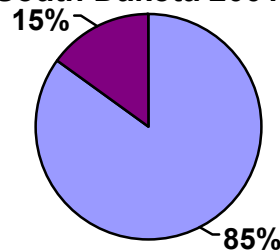
The non-pulmonary sites of disease included the following:

Renal

Neck mass

Percentage of Pulmonary versus Non-pulmonary TB cases

South Dakota 2001

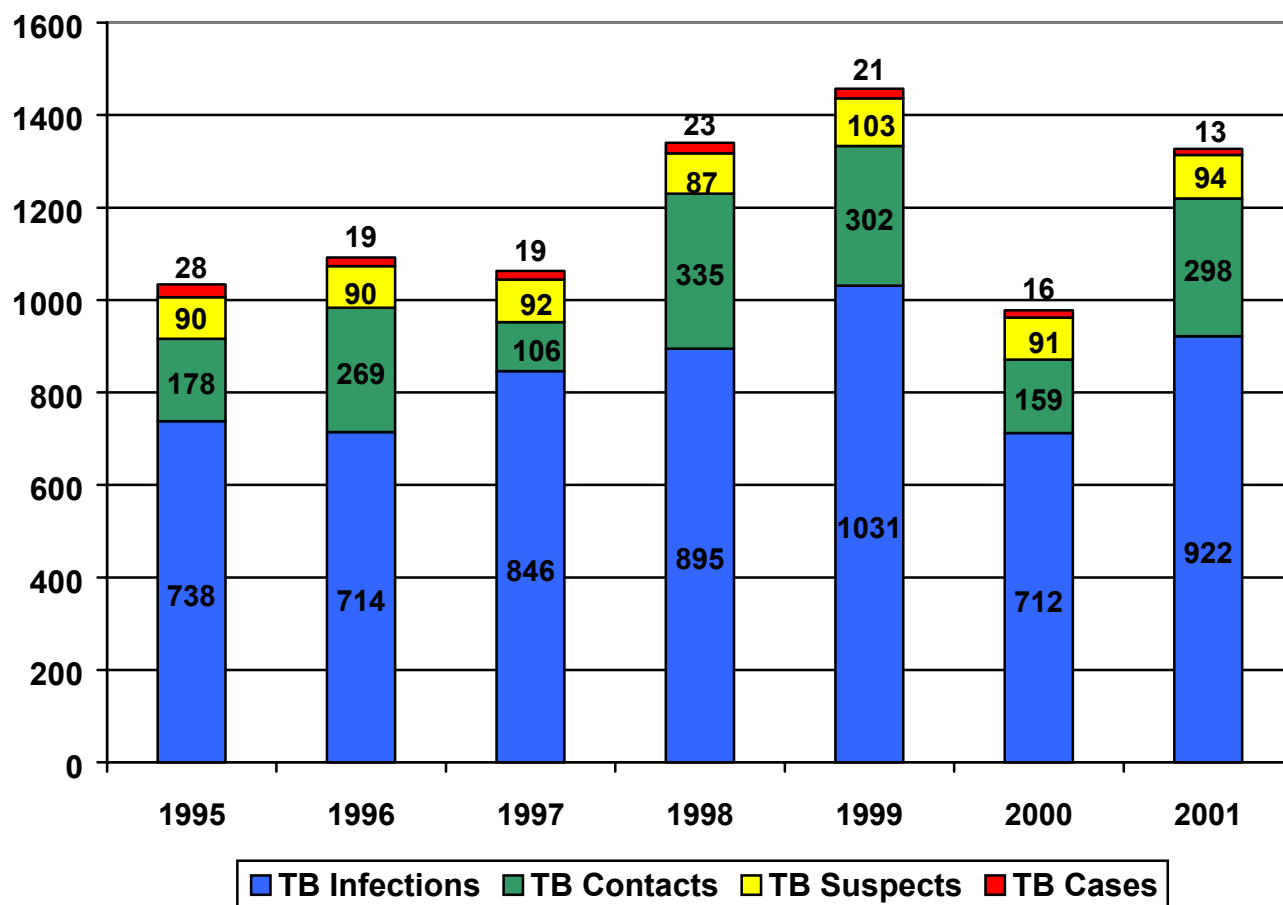


■ Pulmonary ■ Non-pulmonary

**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1998-2001**

RACE	1998		1999		2000		2001	
All races	8/23	35%	4/21	19%	4/16	25%	1/13	8%
Native American	7/17	41%	3/14	21%	3/9	33%	1/4	25%
White	1/4	25%	1/4	25%	1/3	33%	0/3	0%
Black	0/1	0%	0/1	0%	0/3	0%	0/3	0%
Hispanic	0/0	0%	0/1	0%	0/0	0%	0/2	0%
Asian	0/1	0%	0/1	0%	0/0	0%	0/1	0%

**Cumulative # of TB Investigations by Disease Intervention
Specialists (DIS)**

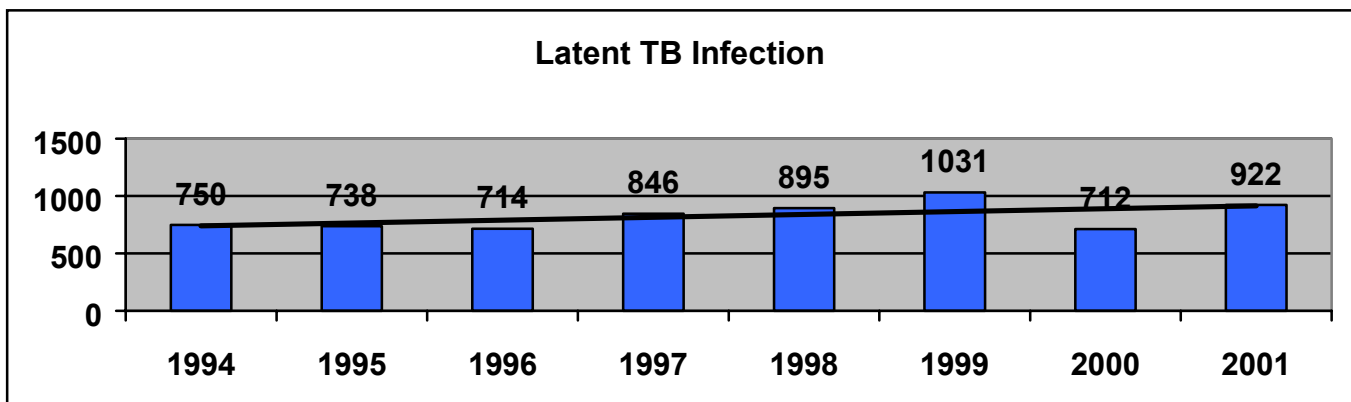
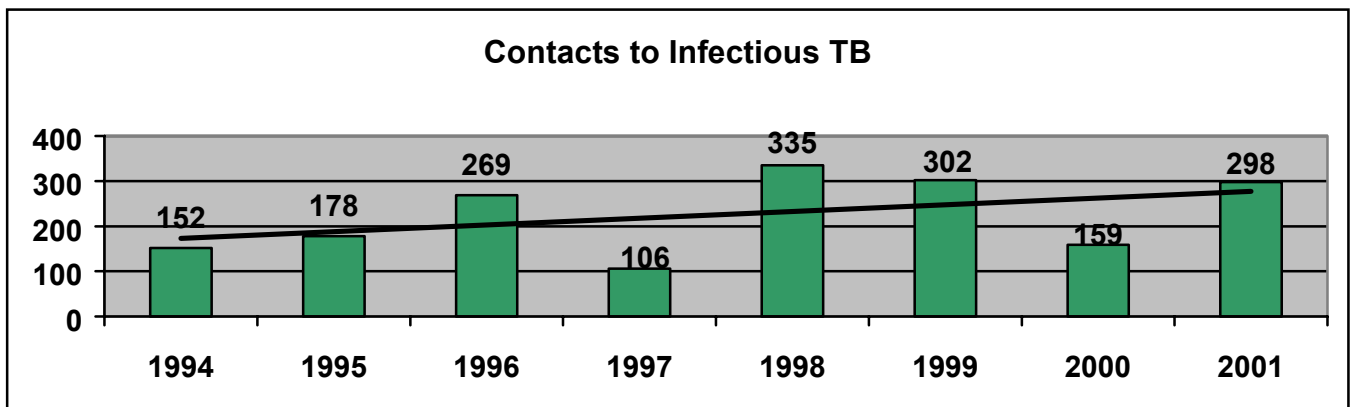
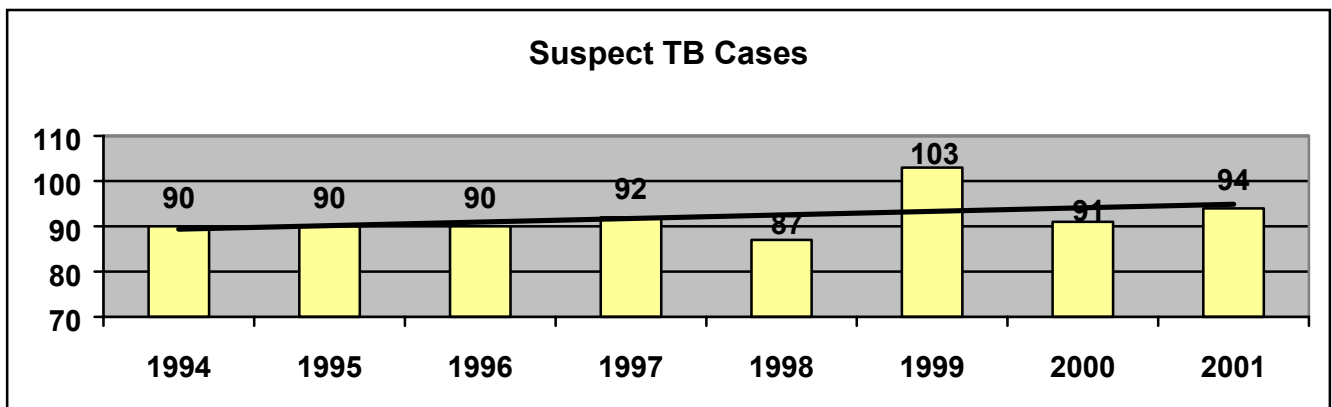
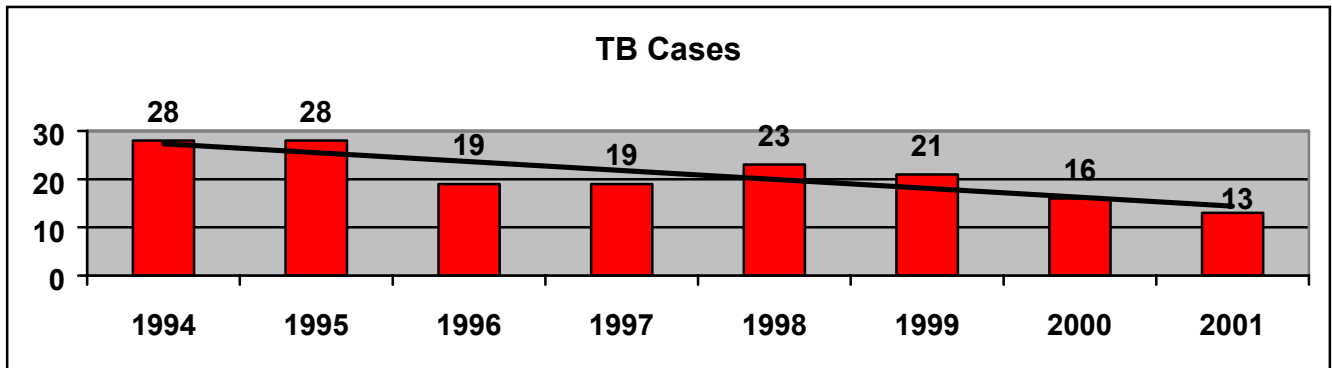


**PATIENTS STARTED ON TREATMENT FOR LATENT TB INFECTION
SOUTH DAKOTA 1992-2001**

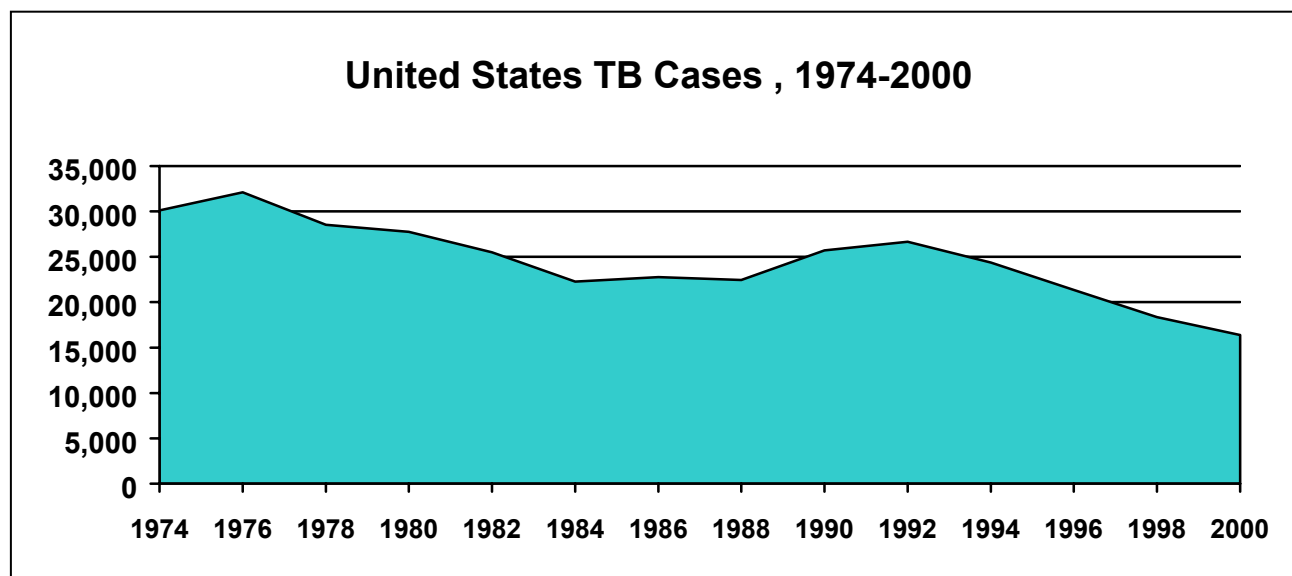
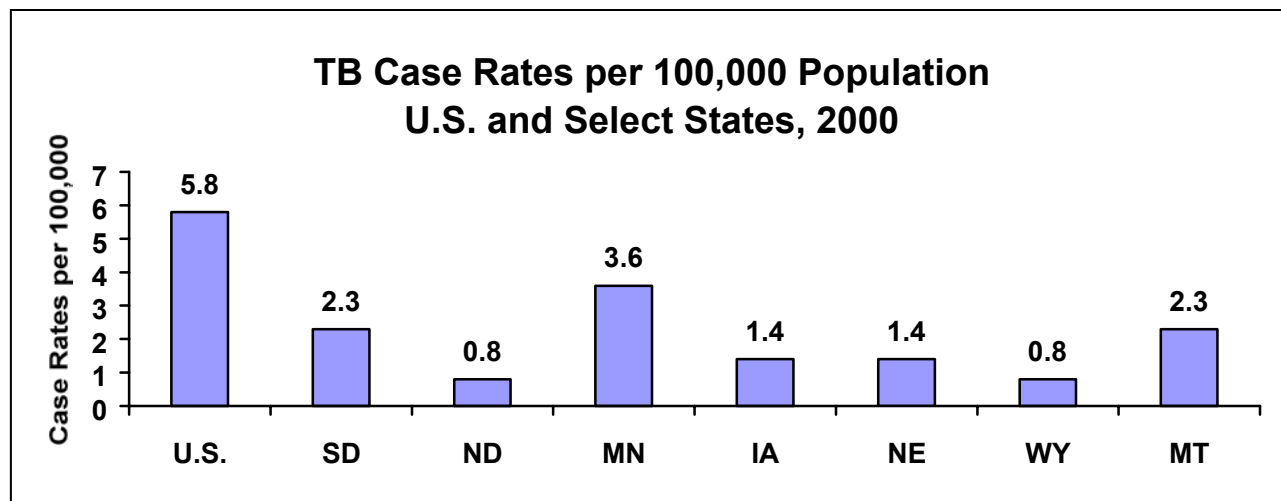
1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*
618	654	536	583	641	631	636	772	603	620

* 2001 data is provisional

COMPARISON OF TB CASES, TB SUSPECTS, TB CONTACTS AND TB INFECTIONS REPORTED FROM 1994-2001



2000 US AND REGIONAL TB STATISTICAL INFORMATION



TUBERCULOSIS CASES AND CASE RATES PER 100,000 UNITED STATES 1991-2000

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1991	26,283	10.4	+2.3%	+1.0%
1992	26,673	10.5	+1.5%	+1.0%
1993	25,287	9.8	-5.2%	-6.7%
1994	24,361	9.4	-3.7%	-4.1%
1995	22,860	8.7	-6.2%	-7.4%
1996	21,337	8.0	-6.7%	-8.0%
1997	19,851	7.4	-7.0%	-7.5%
1998	18,361	6.8	-7.5%	-8.1%
1999	17,531	6.4	-4.5%	-5.9%
2000	16,377	5.8	-6.6%	-9.4%